

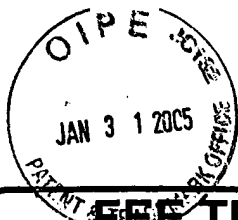


<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application No.	10/632,587
		Filing Date	July 31, 2003
		First Named Inventor	Dong-Churl Kim
		Art Unit	2821
		Examiner Name	Vy, Hung T.
Total Number of Pages in This Submission	10	Attorney Docket Number	3364P126

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> PTO/SB/08  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">Return Receipt Postcard</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Eric S. Hyman, Reg. No. 30,139 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	January 24, 2005

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
Typed or printed name	Lillian E. Rodriguez		
Signature		Date	January 24, 2005



# FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

## Complete if Known

Application Number	10/632,587
Filing Date	July 31, 2003
First Named Inventor	Dong-Churl Kim
Examiner Name	Vy, Hung T.
Art Unit	2821
Attorney Docket No.	3364PI26

☒ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$) 0.00

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☒ None ☐ Other (please identify): \_\_\_\_\_  
☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayment of fee(s) ☒ Credit any overpayments  
under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

## FEE CALCULATION

### 1. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
5	20**	25.00	\$0.00
Independent Claims	1	100.00	\$0.00
Multiple Dependent			
Large Entity	Small Entity		
Fee Code	Fee Code	Fee Description	
1202 50	2202 25	Claims in excess of 20	
1201 200	2201 100	Independent claims in excess of 3	
1203 360	2203 180	Multiple Dependent claim, if not paid	
1204 300	2204 150	**Reissue independent claims over original patent	
1205 300	2205 150	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (1)		(\$)	0.00

\*\*or number previously paid, if greater, For Reissues, see below

### 2. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
1051 130	2051 65	1052 50	2052 25	Surcharge - late filing fee or oath
2053 130	2053 130	2251 60	2252 225	Surcharge - late provisional filing fee or cover sheet
1251 120	2251 60	2253 510	2254 795	Non-English specification
1252 450	2252 225	2255 1,080	2401 250	Extension for reply within first month
1253 1,020	2253 510	2402 250	2403 500	Extension for reply within second month
1254 1,590	2254 795	2451 1,510	2460 130	Extension for reply within third month
1255 2,160	2255 1,080	1807 50	1806 180	Extension for reply within fourth month
1401 500	2401 250	1809 395	2810 395	Extension for reply within fifth month
1402 500	2402 250			Notice of Appeal
1403 1,000	2403 500			Filing a brief in support of an appeal
1451 1,510	2451 1,510			Request for oral hearing
1460 130	2460 130			Petition to institute a public use proceeding
1807 50	1807 50			Petitions to the Commissioner
1806 180	1806 180			Processing fee under 37 CFR 1.17(q)
1809 395	1809 395			Submission of Information Disclosure Stmt
1810 790	2810 395			Filing a submission after final rejection (37 CFR § 1.129(a))
Other fee (specify)				For each additional invention to be examined (37 CFR § 1.129(b))

SUBTOTAL (2)

(\$)

Fee Paid

## SUBMITTED BY

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01/24/05

IFW



PATENT  
Attorney's Docket No. 3364P126

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	) Examiner: Vy, Hung T.
Dong-Churl KIM, Young-Ahn LEEM,	) Art Group: 2821
Dae-Su YEE, Kyung-Hyun PARK,	)
Sung-Bock KIM, Yong-Soon BAEK, and	)
Eun-Deok SIM	)
Serial No. 10/632,587	)
Filed: July 31, 2003	)
(priority date December 17, 2002)	)
For: HIGH FREQUENCY OPTICAL PULSE	)
SOURCE	)

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO OFFICE ACTION

In response to the Office Action mailed November 11, 2004, in connection with the above-referenced patent application, Applicants respectfully request entry of the following amendments and consideration of the attached remarks.